

Docket No.: CL-10271
Application No.: 10/813,188
Amendment Date: July 3, 2006
Reply of Office Action of: March 1, 2006

AMENDMENTS TO THE SPECIFICATION

Please amend the Title of the application and the paragraph starting on page 1, line 1 as follows:

FLAT FLUORESCENT LAMP REQUIRING LOW DISCHARGE INITIATING VOLTAGE AND BACKLIGHT UNIT HAVING UNIFORM BRIGHTNESS[[USING THE SAME]]

Please add the following new paragraph after the paragraph ending at page 5, line 21:

Disclosed herein is a flat fluorescent lamp having a uniform screen brightness by inducing a discharge even at a low discharge initiating voltage, minimizing a non-luminescent region, and maintaining an optimal luminance uniformity. Further, a backlight unit using the flat fluorescent lamp is provided. The flat fluorescent lamp includes a front substrate, a back substrate having a continuous serpentine type discharge channel defined by a plurality of partitions which are extended from both side ends of the back substrate and alternately disposed, a pair of electrodes provided on an outer surface of any one of the front substrate and the back substrate, and an inverter to apply power to the electrodes. Each of the electrodes includes discharge electrodes mounted in strip shapes along both side ends of the outer surface of any one of the front substrate and the back substrate. A plurality of subsidiary electrodes are mounted on the outer surface of any one of the front substrate and the back substrate to correspond to positions of the partitions. The plurality of subsidiary electrodes are disposed to be perpendicular to the discharge electrodes. The plurality of subsidiary electrodes are alternately connected to inner edges of both the discharge electrodes so that neighboring subsidiary electrodes have different polarities.

Docket No.: CL-10271
Application No.: 10/813,188
Amendment Date: July 3, 2006
Reply of Office Action of: March 1, 2006

Please replace the paragraph beginning on page 27, line 1 with the following paragraph:

FLAT FLUORESCENT LAMP REQUIRING LOW DISCHARGE INITIATING VOLTAGE AND BACKLIGHT UNIT HAVING UNIFORM BRIGHTNESS[[USING THE SAME]]

Please replace the Abstract paragraph beginning on page 27, line 2 with the following paragraph:

[[Disclosed is a]]A flat fluorescent lamp[[having]] has a uniform screen brightness[[, by inducing a discharge]] even [[at]]with a low discharge initiating voltage[[, minimizing a non-luminescent region, and maintaining an optimal luminance uniformity]]. [[Further, a]] A backlight unit using the flat fluorescent lamp is provided. [[The flat fluorescent lamp includes a front substrate, a back substrate having a continuous serpentine type discharge channel defined by a plurality of partitions, which are extended from both side ends of the back substrate and alternately disposed, a pair of electrodes provided on an outer surface of any one of the front substrate and the back substrate, and an inverter to apply power to the electrodes, wherein each of the electrodes includes discharge electrodes mounted in strip shapes along both side ends of the outer surface of the any one of the front substrate and the back substrate, and a plurality of subsidiary electrodes mounted on the outer surface of the any one of the front substrate and the back substrate to correspond to positions of the partitions, and disposed to be perpendicular to the discharge electrodes, the plurality of subsidiary electrodes being alternately connected to inner edges of both the discharge electrodes so that neighboring subsidiary electrodes have different polarities.]]The flat fluorescent lamp includes a front substrate, a back substrate having a continuous serpentine type discharge channel defined by a plurality of partitions extending alternately from both side ends of the back substrate. An inverter and a pair of electrodes provided on one of the front and the back substrates apply power to the electrodes. Each of the electrodes includes discharge electrodes mounted in strip configurations and a plurality of subsidiary electrodes that are

Docket No.: CL-10271
Application No.: 10/813,188
Amendment Date: July 3, 2006
Reply of Office Action of: March 1, 2006

mounted to extend perpendicularly from the discharge electrodes and to correspond to positions of the partitions. The plurality of subsidiary electrodes are alternately connected to inner edges of both the discharge electrodes so that neighboring subsidiary electrodes have different polarities.